

# Converting Colors

Hex(4F696D)

Have a look what the booklet for  
Hex(4F696D) contains.

<b>Hex(4F696D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4F696D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F696D
RGB	79, 105, 109
RGB Percent	31%, 41%, 43%
CMY	0.6902, 0.5882, 0.5725
CMYK	0.28, 0.04, 0.00, 0.57
HSL	188°, 16%, 37%
HSV	188°, 28%, 43%
XYZ	11.0363, 12.8695, 16.3704
YIQ	97.6820, -16.7800, -4.2680

# Conversions

## Conversions Part 2

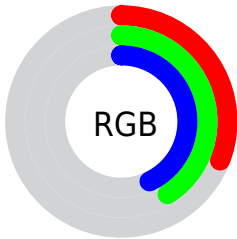
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 93, 109
Decimal	5204333
CIE <sub>Lab</sub>	42.57, -8.51, -5.37
CIE <sub>LCh</sub>	43, 10.063, 212.265
Yxy	12.8695, 0.2740, 0.3195
Android (android.graphics.Color)	4283394413 (0xFF4F696D)
YUV	97.6820, 5.5798, -16.3841
Hunter-Lab	35.8741, -7.8659, -1.9438

# Details

The Hex color **4F696D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D534F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **819CA0**, and **213A3E** is the 20% darker color. If you saturate the color by 10%, you get **44686D**, and if you desaturate by 10%, it is **5A6A6D**.

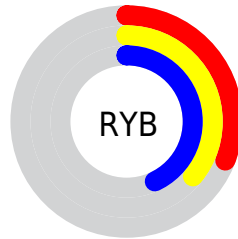
# Distribution



Red (31%)

Green (41%)

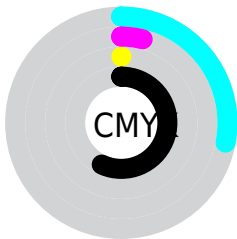
Blue (43%)



Red (31%)

Yellow (36%)

Blue (43%)

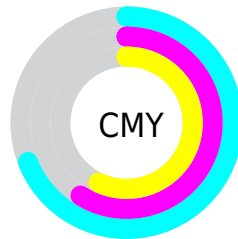


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (59%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F696D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4F696D by changing the saturation by 10% instead.





4F696D



4F696D

FFFFFF



375155



819CA0



213A3E



9BB7BB



0A2428



B6D3D7



001013



D2EFF4



000000



FFFFFF



4F696D



4F696D



44686D



5A6A6D



39666D



656C6D

■ 2E656D

■ 706D6D

■ 23636D

■ 7B6F6D

■ 19626D

■ 86706D

■ 0E606D

■ 90726D

■ 035F6D

■ 9B736D

■ 005E6D

■ A6756D

■ B1766D

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



516965



4F696D



536773

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4F696D



70606C



6B6454

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4F696D



6D534F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



726156



4F696D



755F64

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4F696D



676272



765F5C



616756

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4F696D



596675



765F5C



6D6354



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4F696D



838D8F



4F6D53



404647



C7C7C7



474747



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4F696D



60898F



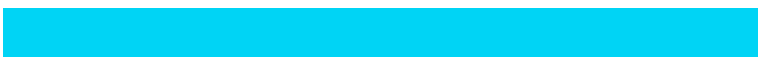
4F5A6D



303536



006675



00D4F5



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6D4F69



8F6089



6D624F



363035



750066



F500D4



# Previews

## White Background



This preview shows how the Hex color 4F696D looks on a white background.

## Color Contrast Check

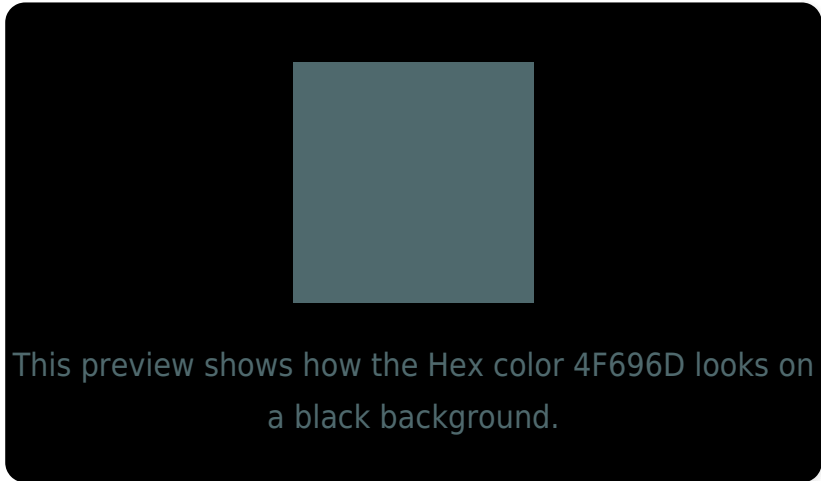
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

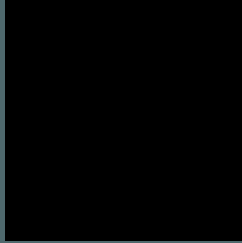
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F696D Background



This preview shows how black text looks on a background with the Hex color 4F696D.



This preview shows how white text looks on a background with the Hex color 4F696D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
4F696D

**Protanopia**  
64646A

**Deuteranopia**  
69616F



**Tritanopia**  
506871

# Trichromacy



**Original Color**  
4F696D

**Protanomaly**  
5C666B

**Deuteranomaly**  
60646E

**Tritanomaly**  
506870

# Monochromacy



**Original Color**  
4F696D

**Achromatopsia**  
626262

**Achromatomaly**  
5B6566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F696D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4F696D looks like.

```
.text, #text, p{  
    color:#4F696D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4F696D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F696D
}
```

## Border

The CSS property to change the border of an element to Hex 4F696D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F696D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4F696D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4F696D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F696D; -webkit-box-shadow:4px 4px  
4px 4px #4F696D; box-shadow:4px 4px 4px  
4px #4F696D }
```

# Background

The CSS property to change the background color of an element to Hex 4F696D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F696D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4F696D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor